SECURE ANONYMOUS INFORMATION EXCHANGE IN A NETWORK

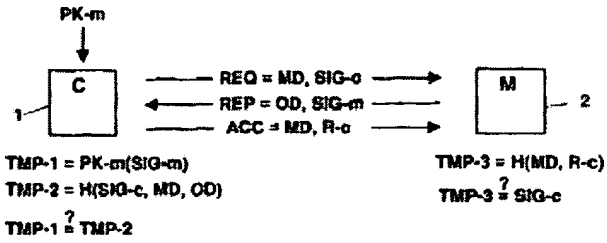
Publication number: EP0876722
Publication date: 1998-11-11
Inventor: HAUSER RALF CHRISTIAN (CH); TSUDIK GENE (US)
Applicant: IBM (US)
Classification:
- international: ***G06F21/20; G06Q10/00; G06Q20/00; G06Q30/00; G06Q50/00; G09C1/00; H04L9/32;*** **G06F21/20; G06Q10/00; G06Q20/00; G06Q30/00; G06Q50/00; G09C1/00; H04L9/32;** (IPC1-7): H04L9/32; G07F7/10
- european: G06Q20/00; G06Q20/00K3B; H04L9/32S
Application number: EP19960900050 19960112
Priority number(s): WO1996IB00025 19960112

Also published as:
WO9725801 (A1)
US6061789 (A1)
EP0876722 (A0)
EP0876722 (B1)
ES2174050T (T3)

Report a data error here

Abstract not available for EP0876722
Abstract of corresponding document: **WO9725801**

Computer network management for electronic commerce requires technical implementations of business processes. The process addressed here is a technical method for a communication in which two or more parties legitimately want to communicate anonymously, often before discussing a deal or closing a business, e.g. for anonymous bidding or auctioning in electronic commerce. Essentially, the invention is a method, described by a protocol, for safely exchanging data in a network that provides a public key infrastructure and an anonymous communication possibility between network users. It consists of a sequence of steps in which both parties, sender, e.g. customer, and addressee, e.g. merchant, compose data sets, i.e. requests and replies, that are based on received data and/or prior knowledge. The data sets are enciphered, as far as necessary to provide anonymity, and digitally signed, as far as necessary to provide proof of the partner. The invention is also a system designed to implement the invented method.



Data supplied from the ***esp@cenet*** database - Worldwide